"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.

Submicroscopic structure and histochemistry of striated muscle fibers. Uspekhi Sovremennoy Biol. 34, 268-87 '52. (MLRA 5:10)
(CA 47 no.14:7070 '53)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.; STRUVE, M.Ye.; SKLYAR, T.I.

Histochemistry of succinodehydrogenase of embryo and malignant tumor cells. (MLRA 5:6)
C.R.Acad.Sci. U.R.S.S. '52, 84, 345-348.
(BA AIII My '53:680)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.; BRODSKIY, V.Ya.

Nucleotides and nucleic acids in protozoan cell. Doklady Akad. nauk SSSR 89 no.6:1099-1102 21 Apr 1953. (CIML 24:4)

1. Presented by Academician A. I. Oparin 21 February 1953. 2. Moscow State University imeni M. V. Lomonosov.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.; SHORNIKOVA, M.V.

Histological differences between sensory and motor nerve cells. Doklady Akad. nauk SSSR 93 no.2:349-352 11 Nov 1953. (CLML 25:4)

1. Presented by Academician A. I. Oparin 3 September 1953.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

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ROSKIN, G. I.

Chemical Abstracts
Vol. 48 No. 5
Mar. 10, 1954
Biological Chemistry

Histochemical differences of sensory and motor nerve cells. G. I. Roskin and M. V. Sharnikova. *Doklady Akad. Nauk S.S.S.R.* 93, 349-52(1953); cf. *Uspekhi Sovremennoi Biol.* 22, No. 2(1946).—Histochem. study of sensory and motor nerve cells from the spinal cord of rabbits, mice, and rats, showed that the 2 types differ significantly in isoelec. points of the plasma, tigroid matter, and nuclei, as well as in intensity and distribution of alk. phosphatase and in the lipide components of the cytoplasm. In the rabbit the isoelec. point is 4.6 for the nucleus, 3.2 for cytoplasm, and 3.8 for tigroid matter of motor cells; and 3.4, 3.8, and 3 for the sensory cells; in rat the values are: 4.4, 5, and 5.2; and 5.4, 4.6, and 4; in mice: 5.1, 3.6, and 3.4; and 5, 3.2, and 2.9, resp. In motor cells the alk. phosphatase is feeble both in the nuclei and in cytoplasm; in sensory cells the nuclei, granulations in the nucleus, and nuclear covering are rich in this enzyme, and the cytoplasm is rather active. The Cain test for plasmal (Panijel, *Les Problemes de l'histochem.*, 1951) gives a bright red color with the cytoplasm of motor cells while the nuclei and tigroid matter remain colorless; the sensory cells give a neg. test for all components. G. M. Kosolapoff

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.

USSR/Medicine - Cancer

FD-1199

Card 1/1 Pub. 129-2/19

Author : Roskin, G. I.

Title : The Paramecia reaction and its theoretical and diagnostic significance in oncology

Periodical : Vest. Mos. un., Ser. fizikomat. i yest. nauk, 9, No 5, 19-30, Aug 1954

Abstract : The theory of the paramecia reaction (PR) and its use in diagnosing malignant tumors in living organisms is discussed in detail. Toxic substances present in the blood of animals and humans, suffering from cancer presumably, products of the decomposition of nucleic acids, were found to have a measurable effect on the rate of reproduction of isolated paramecia. This phenomenon is presented as an illustration of the use of microorganisms as "biological detectors" in the diagnosis of various diseases. Experimental results are recorded on three charts. 8 Soviet and 2 non-Soviet references are cited.

Institution : Chair of Histology

Submitted : April 1, 1954

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.

Theoretical and diagnostic significance of paramecin reaction in oncology. Vest.Mosk.un.9 no.8:19-29 Ag '54. (MLRA 7:12)

1. Kafedra gistologii.
(Paramecium)(Tumors)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.

Theory of impregnation of neural elements with silver. Arkh.anat. gist. i embr. 31 no.3:62-68 Jl-S '54. (MLRA 7:12)
(NERVES, anatomy and histology,
silver impregnation)
(SILVER,
impregnation of nerves)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I. (Moskva)

Blood platelets in man and in other mammals; acellular forms of organization of the living substance. Usp. sovr. biol. 37 no.3: 325-340 My-Je '54. (MLRA 7:9)
(BLOOD PLATELETS,
cytol. chem. & submicroscopic structure)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G. I.

USSR/ Biology - Neurology

Card : 1/1

Authors : Roskin, G. I., Zhirnova, A. A., and Shornikova, M. V.

Title : Comparative histo-chemistry of sensitive cells of spinal ganglia and motor cells of the spinal cord

Periodical : Dokl. AN SSSR, 96, Ed. 4, 821 - 832, June 1954

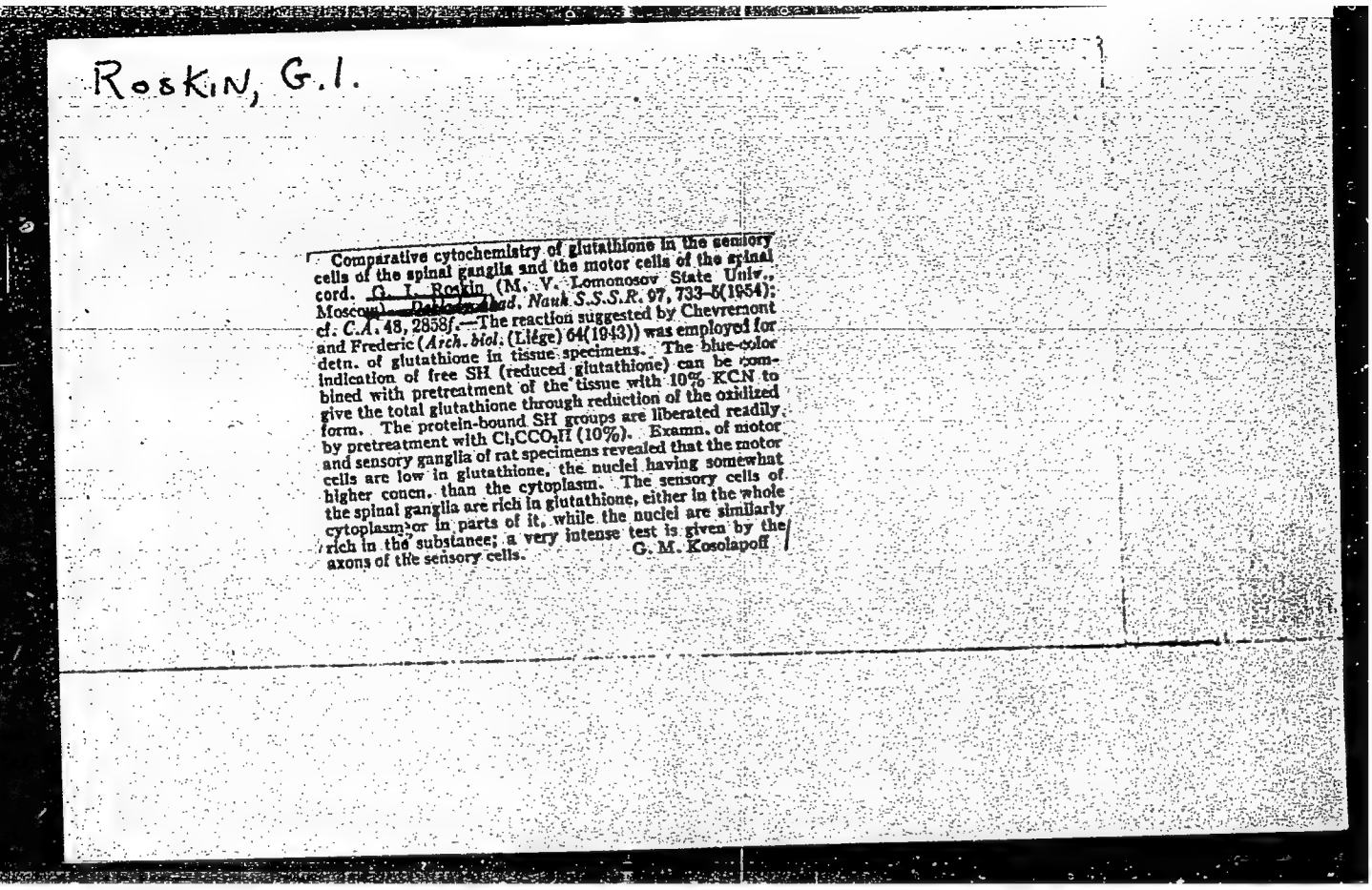
Abstract : Nerve cells of various functional types can be characterized, not only morphologically, but also histo-chemically, which was proved by the study of the sensive cells of spinal ganglia and motor cell of the spinal cord. The histo-chemical differences in an entire seriesof protoplasmatic components were not only of quantitative, but also of cyto-topographic order. Another significant moment is that the differences between two types of nerve cells pertain not only to the cytoplasm, but also to the nucleus. Two references.

Institution : The M. V. Lomonosov State University, Moscow, USSR

Presented by: Academician A. I. Abrikosov, April 5, 1954

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445



ROSKIN, G.I.

Comparative cytochemistry of glutathione in the sensory cells of the spinal ganglia and the motor cells of the spinal cord. G. I. Roskin (M. V. Lomonosov State Univ., Moscow). *Doklady Akad. Nauk S.S.S.R.* 97, 733–6(1954); cf. *C.A.* 48, 2858f.—The reaction suggested by Chevrremont and Frederic (*Arch. biol.* (Liége) 64(1943)) was employed for detn. of glutathione in tissue specimens. The blue-color indication of free SH (reduced glutathione) can be combined with pretreatment of the tissue with 10% KCN to give the total glutathione through reduction of the oxidized form. The protein-bound SH groups are liberated readily by pretreatment with Cl_3CCO_2H (10%). Examn. of motor and sensory ganglia of rat specimens revealed that the motor cells are low in glutathione, the nuclei having somewhat higher concn. than the cytoplasm. The sensory cells of the spinal ganglia are rich in glutathione, either in the whole cytoplasm or in parts of it, while the nuclei are similarly rich in the substance; a very intense test is given by the axons of the sensory cells. G. M. Kosolapoff

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

Yolk spheres, in connection with their properties, structure and methods of study. G. I. Roskin. *Izvest. Akad. Nauk S.S.S.R., Ser. Biol.* 1955, No. 4, 112–19.—A review dealing with the nature of spherical structures in the yolk components of the cytoplasm in human- and animal-egg cells. Hen yolk has pos. oxidase activity and contains appreciable amts. of glutathione after incubation has commenced. The spherical structures, particularly the white spheres, are not inert paraplastic structures. These undergo characteristic changes on slight alterations of osmotic state of the environment, as shown in diagrams. 14 references. G. M. Kosolapoff

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.,; YULIUS, A.A.

Colloidolabile state of ribonucleic acid during the development, intensive functioning, and malignant degeneration of cells. Arkh. anat. gist. i embr. 32 no.4:19-22 O-D '55. (MLRA 9:5)

1. Biologo-pochvennyy fakul'tet Moskovskogo universiteta imeni. Lomonosova.

(BREAST, neoplasms,
exper., ribonucleic acid in mouse mammary tumor cells, comparison with embryonic & normal tissues)
(BREAST, metabolism,
ribonucleic acid in embryonic, normal & malignant mouse mammory tissues)
(NUCLEIC ACIDS, metabolism,
mammary tissues, comparison in embryonic, normal & malignant mouse mammary tissues)
(NEOPLASMS, experimental,
mammary cancer in mouse, ribonucleic acid in tumor tissue, comparison with embryonic & normal tissues)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

KLYUYEVA, N.G.,; ROSKIN, G.I. (Moskva)

Cancerocidal antibiotics. Usp. sovr. biol. 41 no.1:55-73 Ja-F '56. (MIRA 9:6)

(CANCER) (ANTIBIOTICS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G. I.

N/5
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KLYUYEVA, N G

PROBLEMA PROTIVORAKOVYKH ANTIBIOTIKOV; OBRATNOYE RAZVITIYE ZLOKACHESTVENNYKH OPUKHOLEY POD VLIYANIYEM FAKTOROV MIKROBNOGO PROISKHOZHDENIYA (PROBLEMS CONCERNING ANTI-CANCEROUS ANTIBIOTICS, BY) N. G. KLYUYEVA I G. I. ROSKIN. MOSKVA, 1957.

247 P. ILLUS., DIAGRS., GRAPHS, TABLES.

AT HEAD OF TITLE: MOSCOW. GOSUDARSTVENNYY KONTROL'NYY INSTITUT SYVOROTOK I VAKTSIN. LABORATORIYA PROTIVORAKOVYKH ANTIBIOTIKOV.

"LITERATURA": P.234-247.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, Grigoriy Iosifovich; LEVINSON, L.B.; IGNAT'YEVA, G.M., red.; PARSADANOVA, K.G., red.izdatel'stva; GAMZAYEVA, M.S., tekhn.red.

[The technique of the microscope] Mikroskopicheskaia tekhnika. Izd.3-e. Pod obshchei red.G.I.Roskina. Moskva, Gos.izd-vo "Sovetskaia nauka," 1957. 466 p. (MIRA 10:12)
(Microscope--Technique)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I. (Moskva).

Nervous system of sponges. Usp. sovr. biol. 43 no.2:199-207 Mr-Ap '57.
(NERVOUS SYSTEM--SPONGES) (MIRA 10:6)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.; STRUVE, M.Ye.

Biological and cytodiagnostic significance of the reaction of mature, developing and cancerous cells and tissues with the leuco base of methylene blue. Nauch.dokl.vys.shkoly;biol. nauki no.3:35-47 '58. (MIRA 11:12)

1. Predstavlena kafedroy gistologii Moskovskogo gosudarstvennogo universiteta imeni M.V.Lomonosova.
(METHYLENE BLUE) (CANCER--DIAGNOSIS)
(STAINS AND STAINING (MICROSCOPY))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I. (Moskva, Sretenka, Seliverstov per., d.1, kv.32); STRUVE, M.Ye.

Reaction with a leukobase of methylene blue as a method for the cytodiagnosis of malignant tumors. Vop.onk. 5 no.2:167-172 '59. (MIRA 12:6)

1. Iz kafedry gistologii (zav. - prof. A.N.Studitskiy) Moskovskogo gosudarstvennogo universiteta.

(NEOPLASMS, diag.
cytodiag., using reaction with leukobasis of methylene blue (Rus))
(METHYLENE BLUE
reaction with leukobasis of methylene blue in cytodiag. of cancer (Rus))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I. (Moskva)

Cytochemistry of leukocytes. Usp.sovr.biol. 47 no.3:375-389 My-Je '59. (MIRA 12:10)

(LEUKOCYTES
cytochem., review (Rus))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.; STRUVE, M.Ye.

Cytochemical observations of ribonucleic acid in motor and sensory nerve cells. TSitologiia 1 no.4:415-421 Jl-Ag '59. (MIRA 12:10)

1. Kafedra gistologii Moskovskogo gosudarstvennogo universiteta.
(NUCLEIC ACIDS) (NERVES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

17(1,4)
AUTHORS: Roskin, G. I., Struve, M. Ye. SOV/20-125-3-50/63

TITLE: Cytochemistry of the Thiol-groups of the Sensible and Motor Neurons (Tsitokhimiya tiolovykh grupp chuvstvitel'nykh i motornykh neyronov)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 3, pp 639-642 (USSR)

ABSTRACT: Motor cells of the anterior horns of the cord and the sensible cells of the spinal ganglia of rabbit and rat were used for the experiment. Figure 1 shows the topographical distribution of the SH- and S—S—groups in the sensible and motor neurons. Table 1 gives the relative reaction intensity (from + to ++++) of various components of the protoplasm of these cells. Column A shows the results of an immediate determination of the SH-groups after a fixation with formalin; in column B the results are given after a previous treatment with 10% trichloroacetic acid (in order to reveal the so-called masked SH-groups which are bound to the proteins); column V contains results after a treatment with 10% KCN-solution (during 5-10 min) or with 10% Na_2SO_3-solution before fixing in order to transfer the S—S-groups into SH-groups. The authors discuss

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the limits of accuracy of the applied cytochemical method in order to be able to estimate correctly the cytophysiological importance of their observations (Refs 1-7, 10, 12-14, 15). It is necessary to admit (in accordance with Gomori, Ref 6) that it is not possible to determine at the present stage of cytochemical research, which of the reactions upon the SH-groups supplies the most reliable results of the distribution and the amount of these substances in the cells. The cytoplasm of the motor cells contains SH-groups to a small extent (type A, visible immediately after treatment with formalin) or to a somewhat larger extent (type B - after trichloroacetic acid) or it contains also S—S-groups. The cytoplasm of the sensible cells contains a relatively large amount of SH-groups of the A-type and hardly any S—S-groups and SH-groups of the B-type. The tigroid of the motor cells reacts intensively upon S—S-groups and SH-groups of the type A and B. The reaction of the tigroid of the sensible cells on all mentioned groups is negative. Nuclei of the motor cells react intensively upon all 3 groups. In the nuclei of the sensible cells there are only traces of SH-groups of the

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type B. The nucleolus of the motor cells is relatively rich in SH-groups of the A-type, contains, however, only small amounts of the B-type. There is a lack of SH-groups, whereas the nucleoli of the sensible cells are very rich in the SH-groups of the A-type. There are few of the type B, S—S-groups lack. The neurites of the motor cells do not perform any remarkable reaction upon the two groups. The dendrites of the motor cells perform the same reaction as cytoplasm upon the SH-groups of the B-type and upon the S—S-groups; the reaction upon the A-type of the former is much weaker. Thus, the data of previous papers are completed (Refs 16-18). The paradoxal weakening of the reaction in several cases (Table 1) after KCN-treatment requires a special investigation. There are 1 figure, 1 table, and 18 references, 3 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

PRESENTED: November 1, 1958, by A. I. Oparin, Academician

SUBMITTED: October 31, 1958

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

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USSR

BRODSKIY, V. Ya. - "The nucleic acids of the cell's nucleus and cytoplasm"

DONSKOY, M. V., VINOGRADOV, V. V. and SYSOYEV, N. Ya. - "Histochemistry of extracellular connective tissue in pathological conditions"

reports to be submitted to the 1st Intl Congress of Histochemistry and Cytochemistry, Paris, France, 28 Aug-3 Sep '60.

FRIDENSHTEYN, A. Ya. - "Some aspects of carbohydrate metabolism of the transitional epithelium"

GERSHTEYN, G. D. - "The studies on the cell nucleoproteins with the aid of phenol fractionation procedure"

GRUDOCHKINA, F. A., MEYSEL, M. N. BLOKHINA, Ye. M., BARSKIY, I. Ya. and GUSKOVA, A. K. - "Ultraviolet fluorescence microscopy as a new field of histochemistry"

KIYAYEVA, A. D. - "Histochemical characteristics of diphtheric polyneuritis"

KRASNOV, I. B. - "The determination of sulfhydryl groups of proteins by means of the inhibitory-indicator (monoacetylnitrobenzoic acid) method"

MAGAROV, B. I. - "Cytochemical and autoradiographic analysis of the role of nucleic acids in the synthesis of cellular protein"

GRUDOVSKAYA, G. V. - "The evolution of the protein-polysaccharide composition of cardiac connective tissue in the development of rheumatic process"

POLENOV, A. L. - "Histochemical contribution to the study of di-encephalo-hypophyseal secretion"

POPOVADOV, V. V. - "Some mechanisms controlling the chemical activity of the neuron mitochondria (A summary of this report has been received by the organizers of the Congress and is included in Group I)

Aspects of histochemistry and the nervous system (This is a proposed report of which the exact title is not yet known. It is listed by general subject matter under Group III)

RUSSOV, M. A. - "Histochemistry in experimental cancer chemotherapy"

ROSIN, G. I. - "Comparative Histochemistry of neurons differing in their function"

SHABADASH, A. L. - "Presence of ribonucleoproteins in mitochondria of different animal cells and their functional importance" and "Cytochemical and cytophysical peculiarities of nerve tissue biological organization"

SHUMOV, A. I. - "Histochemical examinations of connecting tissues in the light of recent pathological studies"

TUSTANOVSKIY, A. A. - "A comparative physical and chemical characteristic of procollagen and collastromine"

VASIL'YEV, Yu. M. - "Histochemical studies of the connective tissue, changes observed in the source of development of induced sarcoma in rats"

ZBARSKIY, I. B. - "Proteinic and nucleic composition of nuclear structures"

ZBARSKIY, I. B. and PERVOUKHINOVA, K. A. - "On the role of cell nucleus and its fractions in protein biosynthesis measured by the incorporation of labeled amino acids."

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

KALLINIKOVA, V.D.; ROSKIN, G.I.

Blepharoplast cytochemistry in Trypanosoma (Schizotrypanum) cruzi.
Dokl. AN SSSR 151 no.6:1437-1440 Ag '63. (MIRA 16:10)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavleno akademikom A.N.Belozerskim.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

LEYKINA, M.I.; ROSKIN, G.I.

Cytochemistry of cultures of human cancer cells (strain HEp-2) and its changes under the effect of cruzin. Antibiotiki 10 no. 10:924-929 O '65. (MIRA 18:12)

1. Laboratoriya eksperimental'noy tsitologii i tsitokhimii rakovoy kletki, kafedra tsitologii i gistologii (zav. - prof. G.I. Roskin) Moskovskogo gosudarstvennogo universiteta imeni M.V. Lomonosova. Submitted Febr. 14, 1963.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

KOLOMINA, S.M.; ROSKIN, G.I. [deceased]

Effect of ionizing radiation on the antitumoral action of cruzin antibiotic. Vest. Mosk. un. Ser. 6: Biol., pochv. 19 no.4: 10-17 Jl-Ag '64. (MIRA 17:12)

1. Laboratoriya tsitologii i tsitokhimii rakovoy kletki Moskovskogo universiteta.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

STRUVE, M.Ye. (Moskva, V-415, Leninskiy prospekt, d.104, kv.58); ROSKIN, G.I.; OGLOBLINA, T.A.

Cytochemically distinct types of human tumor cells. Vop onk. 10 no.8:41-46 '64. (MIRA 18:3)

1. Iz laboratorii eksperimental'noy tsitologii i tsitokhimii rakovoy kletki, kafedry tsitologii i gistologii (zav. - prof. G.I. Roskin) Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.; TEODORESKU, M.Ye.

Vitamin B_1 and phosphatase activity in the nerve cells of the rat. TSitologiia no.1:97-100 Ja-F'63. (MIRA 16 :6)

1. Kafedra tsitologii i gistologii Moskovskogo universiteta.
(PHOSPHATASES) (THIAMINE)
(NERVES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

KALLINIKOVA, V.D.; ROSKIN, G.I.

Ribonucleic acid in the life cycle of Schizotrypanum cruzi.
TSitologiia 5 no.3:303-310 My-Je '63. (MIRA 17:5)

1. Laboratoriya eksperimental'noy tsitologii i tsitokhimii rakovoy kletki Moskovskogo universiteta.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

BALICHEVA, L.V.; ROSKIN, G.I.

Cytochemistry of free purine ribonucleotides in the life cycle of Schizotrypanum cruzi. Tsitologiia 5 no.6:630-638 N-D '63. (MIRA 17:10)

1. Laboratoriya eksperimental'noy tsitologii i tsitokhimii rakovoy kletki Moskovskogo universiteta.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I., prof., otv. red.; INZHEVATOVA, Ye.I., red.;
SHEPOTINNIK, L.P., tekhn. red.

[Symposium on the use of cruzin in cancer therapy] Simpozium po probleme krutsin v terapii raka 25-26 iiulia 1962 g. Moskva, TSentral'noe biuro tekhn. informatsii, 1963. 76 p.
(MIRA 16:7)

1. Moscow. Universitet. Kafedra tsitologii i gistologii.
(CANCER) (CRUZIN)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

POZHITNOY, Ye.Ye.; ROSKIN, G.I.

Introduction of new methods and advanced technology in prospecting operations in the Irkutsk Geological Administration. Razved.i okh. nedr 29 no.1:39-43 Ja '63. (MIRA 16:2)

1. Irkutskoye geologicheskoye upravleniye.
(Irkutsk region--Prospecting)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

PASTOROVA, V.Ye.; ROSKIN, G.I.; KUDRYASHOV, B.A.

Function of the physiological anticoagulation system in a reticulo-endothelial block. Biul. eksp. biol. i med. 52 no.11:23-26 N '61. (MIRA 15:3)

1. Iz laboratorii fiziologii i biokhimii svertyvaniya krovi i kafedry gistologii biologo-pochvennogo fakul'teta Moskovskogo gosudarstvennogo universiteta imeni Lomonosova. Predstavlena deystvitel'nym chlenom AMN SSSR S.Ye. Severinym.
(RETICULO-ENDOTHELIAL SYSTEM) (BLOOD--COAGULATION)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I. (Moskva, I-92, Seliverstov per., 1, kv.32); KIRPICHNIKOVA, Ye.S.

Cytochemical analysis of the nature of the bond of ribonucleic acid with proteins in the cells of normal tissues and malignant tumors. Arkh. anat. gist. i embr. 40 no.5:27-33 Mr '61. (MIRA 15:4)

1. Laboratoriya eksperimental'noy tsitologii i tsitokhimii rakovoy kletki i kafedra gistologii (zav. - prof. G.I.Roskin) Moskovskogo gosudarstvennogo universiteta. Adres Kirpichnikova: Moskva, Moskovskiy gosudarstvennyy universitet, kafedra gistologii.

(NUCLEIC ACIDS) (PROTEINS) (CANCER)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.; BALICHEVA, L.V.

Cytochemistry of nucleotides and nucleic acids in liver cells of the axolotl. TSitologiia 3 no.3:305-311 My-Je '61. (MIRA 14:6)

1. Kafedra tsitologii i gistologii i Laboratoriya eksperimental'noy tsitologii i tsitokhimii rakovoy kletki Moskovskogo universiteta.
(NUCLEOTIDES) (NUCLEIC ACIDS) (LIVER)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G. I., & KALLINIKOVA, V. D. (MOSCOW)

"Cytological and cytochemical changes in the life-cycle of Schizotrypanum cruzi (Chagas)." (In Russian.)

Report presented at the 13th Annual meeting and 1st International Conference of Society of Protozoologists, Prague, 22-31 Aug 61

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, GRIGORIY IOSIFOVICH

Mikroskopicheskaya Tekhnika [by] G. I. Roskin and L. B. Levinson. IZD. 3. Moskva, "Sovetskaya Nauka", 1957

446 p. Illus.

Bibliography: p. 433-[438]

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G. I., and BELICHEVA, L. V. (USSR)

"Cytochemistry of Free Purine Nucleotides in Cells of Different Functional Types."

Report presented at the 5th International Biochemistry Congress, Moscow, 10-16 Aug 1961

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.; STRUVE, M.Ye.

Cytochemistry of histones and histonelike proteins of nerve cells.
TSitologiia 2 no.6:724-729 N-D '60. (MIRA 13:12)

1. Kafedra tsitologii i gistologii Moskovskogo universiteta.
(HISTONES) (NERVES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I., KOZHUKHOVA, S.B.

Cytoenzymological observations on succinic dehydrogenase by means of the tellurite method. TSitologiia 2 no.3:353-363 My-Je '60. (MIRA 13:7)

1. Kafedra gistologii Moskovskogo universiteta.
(SUCCINIC DEHYDROGENASE) (TELLURITES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G. I., KOZHUKHOVA, S. V., KOLCHINA, S. K., BALICHEVA, I. V., KALLINIKOVA, V. D.

"The Problem of the Cytochemical Characteristics of Various Stages of the Life Cycle of the Protozoan Cell. (Observations on Trypanosoma cruzi Chagas, 1909.)"

report submitted for the First Conference on the problems of Cyto and Histochemistry, Moscow, 19-21 Dec 1960.

Laboratory of Cytology and Cytochemistry of Cancerous Cells, Moscow State University Imeni M. V. Lomonosov.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.; KOZHUKHOVA, S.B.

Cytochemistry of thiols in Schizotrypanum cruzi and their changes in the life cycle of the protozoan cell. TSitologiia 6 no.1:35-43 Ja-F '64. (MIRA 17:9)

1. Laboratoriya eksperimental'noy tsitologii i tsitokhimii rakovoy kletki Moskovskogo universiteta.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G. I., BALICHEVA, L. V.

"Principles of the Cytochemistry of Free Purine Nucleotides in Histophysiologically Different Tissues."

report submitted for the First Conference on the problems of Cyto and Histochemistry, Moscow, 19-21 Dec 1960.

Laboratory of Cytology and Cytochemistry of the Cancerous Cell, Moscow State University Imeni M. V. Lomonosov.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G.I.; BALICHEVA, L.V.

Cytochemistry of free purine nucleotides in liver cells.
Dokl.AN SSSR 133 no.6:1437-1440 Ag '60.
(MIRA 13:8)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavleno akad. A.I.Oparinym.
(Nucleotides) (Histochemistry)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, G. K., STRUVE, M. YE., SKLYAR, T. I.

Cells

Histochemistry of succinodehydrogenase in embryonal cells and cells of malignant tumors. Dokl. AN SSSR 84 no. 2, 1952

Monthly List of Russian Accessions, Library of Congress, September 1952, UNCLASSIFIED.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

POSKIN, G. G., Prof.

Professor, Academy of Science

Cn - All Russian Oncological Conference, Leningrad

Soviet Source: N; Komsomol'skaya Pravda
Abstracted in USAF "Treasure Island" Report No. 08216, on file in Library of Congress, Air Information Division.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSIN, G.S.

Dynamic characteristics of soundproof and vibrationproof materials. Akust. zhur. 9 no.4:492-494 '63. (MIRA 17:3)

1. Ural'skiy filial Akademii stroitel'stva i arkhitektury SSSR, Chelyabinsk.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, V.I., red.; REZTSOV, V.N., red.; MORGUNOVA, G.F., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Repairing, manufacturing parts, and assembling testing and measuring instruments] Remont, izgotovlenie detalei i montazh kontrol'no-izmeritel'nykh priborov. Moskva, Gos.nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 243 p. (Edinye otraslevye normy vremeni dlia predpriiatii neftianoi promyshlennosti). (MIRA 13:3)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'noye byuro promyshlennykh normativov po trudu.
(Oil fields--Equipment and supplies)
(Measuring instruments)

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ROSKIN, Ye.S.

The priority of the Russian scientist I.G.Borshchov in the formulation of the relation between the rate of diffusion in colloid solutions and the partcle size. Kolloid. Zhur. 15, 152-4 '53. (MLRA 6:3)
(CA 47 no.16:7858 '53)

1. Textile Inst., Leningrad.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, Ye.S.

Simple method for the determination of characteristic viscosity of weak solutions of high polymers. Koll.zhur. 15, no.6:445-458 '53. (MLRA 6:12)

1. Tekstil'nyy institut im. S.M.Kirova, Laboratoriya fizicheskoy i kolloidnoy khimii, Leningrad.
(Viscosity) (Polymers and polymerization)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, Ye.S., kandidat tekhnicheskikh nauk.

Nitrilon. Nauka i zhizn' 20 no.9:35-36 S '53. (MLRA 6:11)
(Textile fibers, Synthetic)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

USSR/Fitting Out of Laboratories - Instruments. H-
Their Theory, Construction, and Use.

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8739

Author : Roskin, Ye.S.
Inst : Leningrad Textile Institute.
Title : Concerning a Method for Carrying Out Experiments Excluding the Presence and Contamination by Atmospheric Oxygen

Orig Pub : Tr. Leningr. tekstil'n. in-ta, 1954, No 5, 117-119

Abstract : A simple method for carrying out emulsion polymerizations and various other chemical experiments under conditions excluding contact with the external medium and permitting the experiments to be carried out under any desired atmosphere, is described. The use of vials with penicillin-grade rubber stoppers is proposed. The required solutions or gases can be introduced into these vials or any other vessel stoppered with the same kind of stopper by means of a syringe without impairing the airtight seal of the vessel.

Card 1/1

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, Ye.S., dotsent, kandidat tekhnicheskikh nauk.

Comparative determination of the strength of textile fibers. Tekst. prom.14 no.3:38-40 Mr '54. (MLRA 7:5)
(Textile fibers)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

Roskin, Ye. S.

AID P - 925

Subject : USSR/Chemistry

Card 1/1 Pub. 152 - 16/22

Author : Roskin, Ye. S.

Title : A method for preparation of spinning solutions of copolymers of vinyl chloride

Periodical : Zhur. prikl. khim., 27, no. 5, 560-562, 1954

Abstract : Spinning solutions of copolymers containing 92% of vinyl chloride may be obtained by direct copolymerization in a mixture of acetone and benzene (5:7). One reference (Russian: 1952).

Institution : None

Submitted : D 27, 1952

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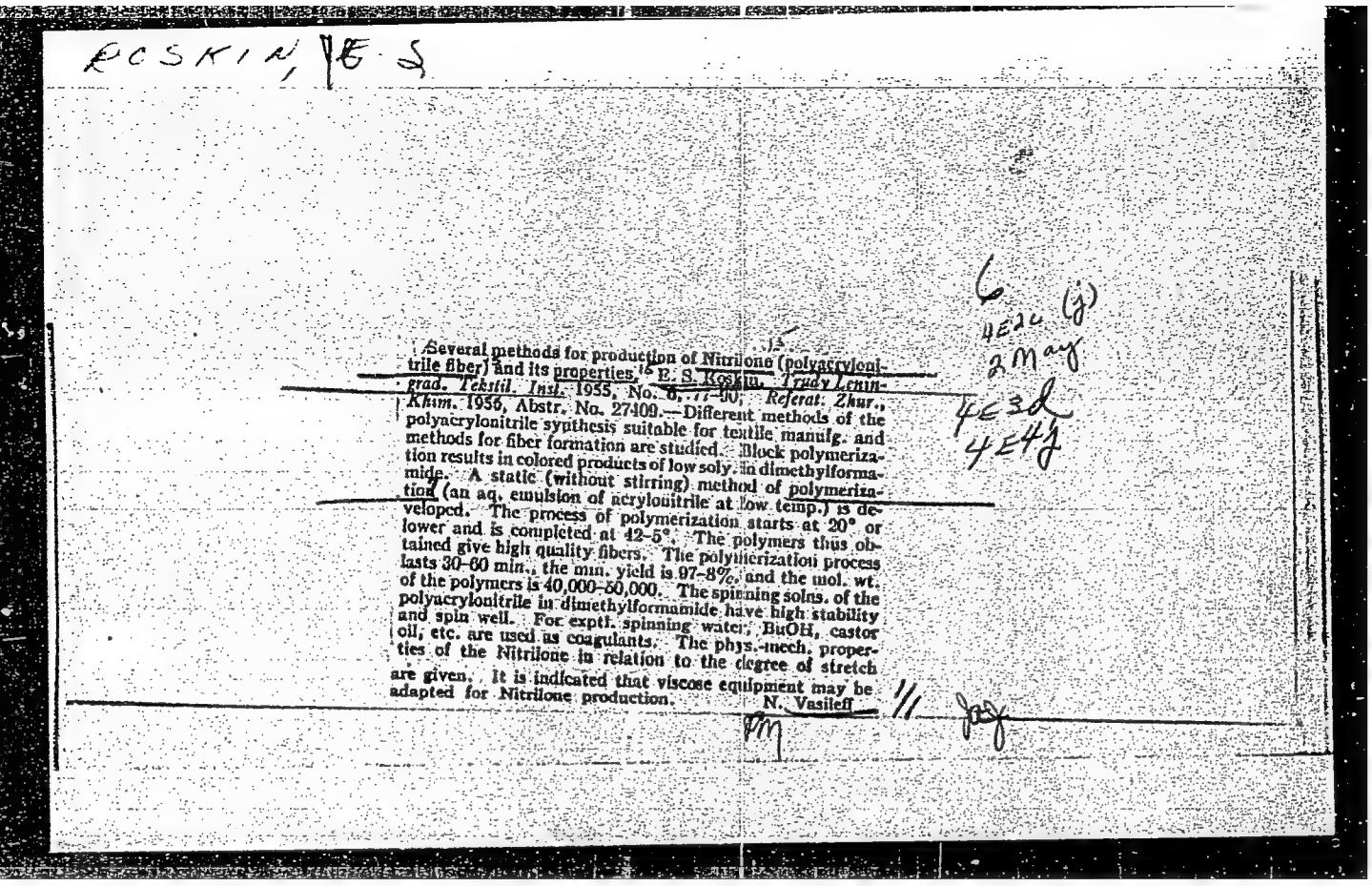
"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445



ROSKIN, YE. S.

6
4E2c (j)
2 May
4E3d
4E4j

Several methods for production of Nitrilone (polyacrylonitrile fiber) and its properties. E. S. Roskin. *Trudy Leningrad. Tekstil. Inst.* 1955, No. 6, 77-90; *Referat. Zhur., Khim.* 1956, Abstr. No. 27409.—Different methods of the polyacrylonitrile synthesis suitable for textile manufg. and methods for fiber formation are studied. Block polymerization results in colored products of low soly. in dimethylformamide. A static (without stirring) method of polymerization (an aq. emulsion of acrylonitrile at low temp.) is developed. The process of polymerization starts at 20° or lower and is completed at 42-5°. The polymers thus obtained give high quality fibers. The polymerization process lasts 30-60 min., the min. yield is 97-8%, and the mol. wt. of the polymers is 40,000-50,000. The spinning solns. of the polyacrylonitrile in dimethylformamide have high stability and spin well. For exptl. spinning water, BuOH, castor oil, etc. are used as coagulants. The phys.-mech. properties of the Nitrilone in relation to the degree of stretch are given. It is indicated that viscose equipment may be adapted for Nitrilone production.

N. Vasileff

11 Jay

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, Ye.S.

Certain statistical data characterizing long-chain molecules of polyacrylonitrile in solution. Zhur.fiz.khim. 29 no.2:244-249 F '55.
(MLRA 8:7)

1. Leningradskiy tekstil'nyy institut imeni S.M. Kirova.
(Acrylonitrile)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, Ye.S.

Indirect method of determining the surface tension of non-polar liquids. Zhur.fiz.khim. 29 no.6:1007-1009 Je '55. (MLRA 9:1)

1.Tekstil'nyy institut imeni S.M.Kirova.
(Surface tension)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

USSR /Chemical Technology. Chemical Products and Their Application I-28

Synthetic fibers

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32744

Author : Roskin Ye. S.

Title : The Polyacrylonitrile Fiber -- Nitron

Orig Pub: Tekstil'naya prom-st', 1956, No 11, 16-19

Abstract: Description of the static method (without stirring) of preparing polyacrylonitrile suitable for the production of nitron fiber (formerly called nitrolon). Polymerization of acrylonitrile (I) was effected in an aqueous solution (7.4% I) in the presence of the oxidation-reduction system $K_2S_2O_3$ - $Na_2S_2O_4$ and H_2SO_4. The

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USSR /Chemical Technology. Chemical Products and Their Application

T-28

Synthetic fibers

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32744

effect of the amount of H_2SO_4 and $Na_2S_2O_4$ on the molecular weight of the polymer was investigated. The amount of H_2SO_4 was varied from 0.41 to 1.67% of the weight of I. It is shown that a decrease of the H_2SO_4-content of the system results in a lowering of the specific viscosity of the polymer, and an analogous effect is produced by an increase of the content in $Na_2S_2O_4$. A formula for the polymerization of I under industrial conditions is given: water 125 liters, I -- 10 kg, H_2SO_4 (Sp. Gr. 1.84) 25-30 ml, $Na_2S_2O_4$ 31 g, $K_2S_2O_5$ 94 g. Initial temperature about 20°. Under

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USSR /Chemical Technology. Chemical Products and Their Application I-28

Synthetic fibers

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32744

the specified conditions a 98% yield of the polymer was obtained with a duration of the polymerization of 70-80 minutes. The polymer is readily soluble in dimethyl formamide. Fiber was produced from solutions of the polymer. Preparation OP-10 or castor oil at 35-80° was used as the casting bath. Length of the path of the filament in the bath 200-400 mm, rate of casting 10-12 m/minute. As a plasticizing bath was utilized a casting bath at a temperature of 80-110°. The fiber was stretched 1000-2000%. The fiber thus obtained has a breaking length of 45-50 km and an elongation of 12-20%,

Card 3/4

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USSR /Chemical Technology. Chemical Products and Their Application I-28

Synthetic fibers

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32744

in the case of casting in a bath containing OP-10, and of 55 km and 16-22%, respectively, on casting in castor oil. The external appearance of the fiber is similar to that of wool or silk. Bibliography 18 references.

Card 4/4

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, Ye.S., kandidat tekhnicheskikh nauk; MROS, A.I., professor, nauchnyy redaktor; VLADIMIRSKIY, D.M., redaktor izdatel'stva; GURDZHIYEVA, A.M., tekhnicheskiy redaktor

[Present and future status of synthetic fibers] Nastoiashchee i budushchee sinteticheskikh volokon. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn.znanii RSFSR, Leningr.otd-nie, 1957. 60 p. (MLRA 10:7)
(Textile fibers, Synthetic)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

"Study of acrylonitrile polymerization," a paper presented at the9th Congress on the Chemistry and Physics of High Polymers, 28 Jan-2 Feb 57, Moscow, Textile Research Inst.

S-3,074,305

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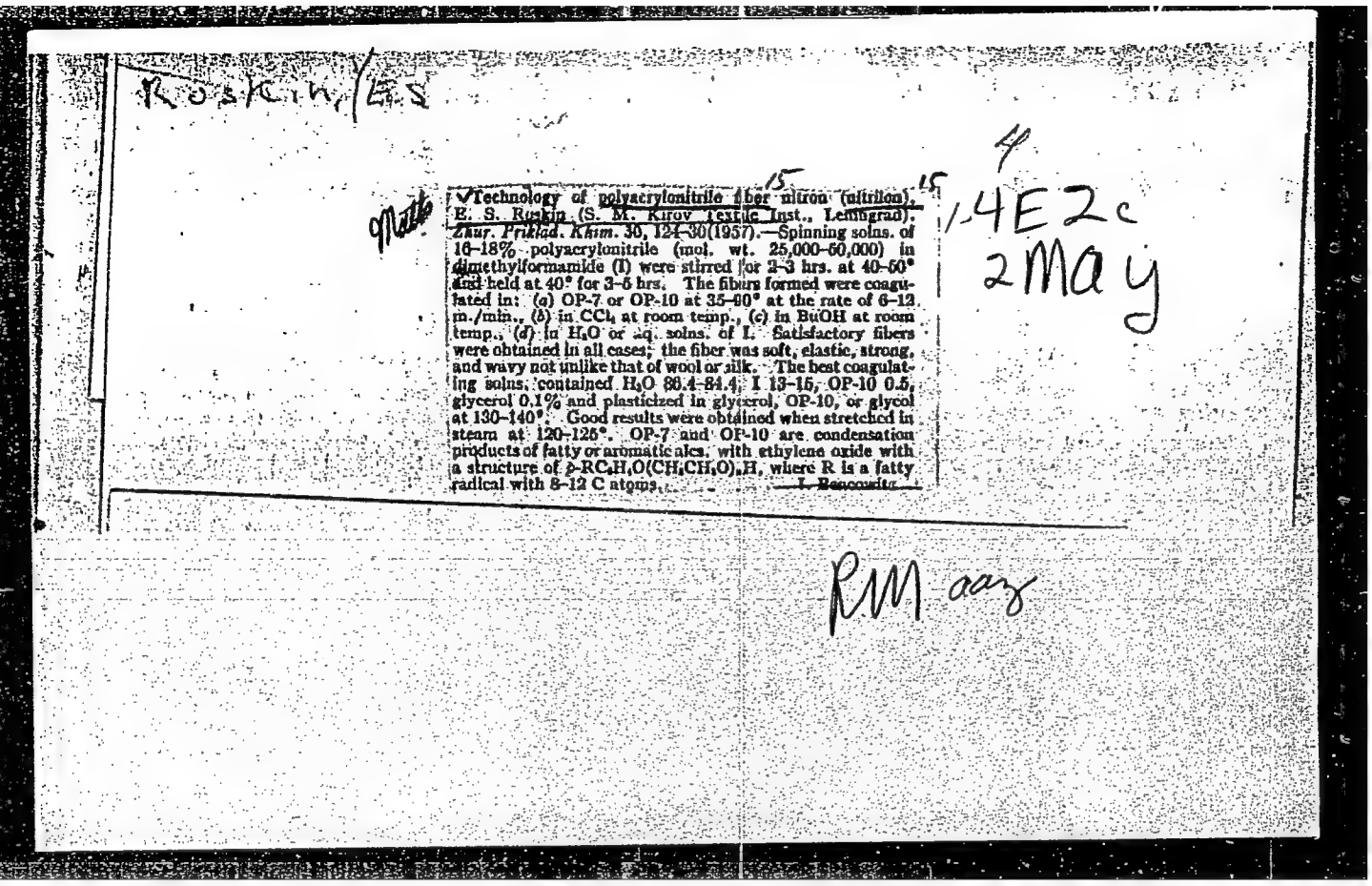

RUSKIN, E.S.

Technology of polyacrylonitrile fiber nitron (nitrilon). E. S. Ruskin (S. M. Kirov Textile Inst., Leningrad). *Zhur. Prikład. Khim.* 30, 124-30(1957).—Spinning solns. of 16–18% polyacrylonitrile (mol. wt. 25,000–60,000) in dimethylformamide (I) were stirred for 2–3 hrs. at 40–60° and held at 40° for 3–6 hrs. The fibers formed were coagulated in: (*a*) OP-7 or OP-10 at 35–40° at the rate of 6–12 m./min., (*b*) in CCl_4 at room temp., (*c*) in BuOH at room temp., (*d*) in H_2O or aq. solns. of I. Satisfactory fibers were obtained in all cases; the fiber was soft, elastic, strong, and wavy not unlike that of wool or silk. The best coagulating solns. contained H_2O 83.4–84.4, I 13–15, OP-10 0.5, glycerol 0.1% and plasticized in glycerol, OP-10, or glycol at 130–140°. Good results were obtained when stretched in steam at 120–125°. OP-7 and OP-10 are condensation products of fatty or aromatic alcs. with ethylene oxide with a structure of ρ-$RC_6H_4O(CH_2CH_2O)_nH$, where R is a fatty radical with 8–12 C atoms.

I. Benscoter

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, Ya.S.

Production of fiber-forming polyacrilonitrile. Biul. tekh.-ekon. inform. no.3:45-46 '58. (MIRA 11:6)
(Acrylonitrile) (Textile fibers, Synthetic)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

PHASE I BOOK EXPLOITATION SOV/3798

Roskin, Yefim Samoylovich, Candidate of Technical Sciences

Nastoyashcheye i budushcheye sinteticheskikh volokon (The Present and Future of Synthetic Fibers) 2nd ed., enl. Leningrad, 1959. 73 p. 3,500 copies printed

Sponsoring Agency: Obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy RSFSR. Leningradskoye otdeleniye.

Scientific Ed.: A.I. Meos, Doctor of Technical Sciences; Ed. of Publishing House: A V. Bannov; Tech. Ed.: A.M. Gurdzhiyeva.

PURPOSE: This booklet is intended for readers interested in the structure, composition, properties and production of synthetic fibers.

COVERAGE: This booklet was published by the Society for the Propagation of Political and Scientific Information of the RSFSR. The present state and future development of synthetic fibersare described in popular form , It contains a short history of their development, describes their structure, composition, physical and chemical properties, and discusses their uses and production

Card 1/4

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techniques. The following Soviet scientists are mentioned as contributors or researchers in the field of synthetic fibers: P.P. Shorygin, V.A. Kargin, I.L. Knunyants, A.N. Nesmeyanov, V.V. Korshak, Z.A. Rogovin, A.B. Pakshver, N.V. Mikhaylov, A.A. Strepikheyev. There are no references.

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ROSKIN, Ye.S.

Most satisfactory drawing system for nitron forming machines.
Izv.vys.ucheb.zav.; tekh.tekst.prom. no.2:153-154 '59.
(MIRA 12:6)

1. Leningradskiy tekstil'nyy institut im. S.M.Kirova.
(Textile fibers, Synthetic)
(Spinning machinery)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, Ye.S.; KHARKHAROV, A.A.; FEL', V.S.

Dyeing of synthetic fibers. Report No.7. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.6:104-106 '59. (MIRA 13:4)

1. Leningradskiy tekstil'nyy institut im. S.M.Kirova.
(Dyes and dyeing--Chemistry) (Orlon)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

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ROSKIN, Ye.S., dots.; FEL', V.S., nauchnyy sotrudnik

Finishing fabrics made of a mixture of wool and "nitron."
Tekst.prom. 19 no.2:54-56 F '59. (MIRA 12:5)

1. Leningradskiy tekstil'nyy institut imeni Kirova.
(Textile finishing)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

SOV/80-32-3-36/43

5(3)

AUTHOR: Roskin, Ye. S.

TITLE: The Problem of the Dependence of the Polymerization Rate of Acrylnitrile on the Hydrodynamic Conditions of the Process (K voprosu o zavisimosti skorosti polimerizatsii akrilnitrila ot gidrodinamicheskikh usloviy osushchestvleniya protsessa). Communication III.

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol XXXII, Nr 3, pp 676-680 (USSR)

ABSTRACT: The stirring of the reaction medium lowers the polymerization rate of acrylnitrile considerably [Ref. 1-8]. This has been explained by the action of oxygen on the reaction mixture. It has been shown, however, that in media without oxygen the effect is the same. Stirring causes a turbulent movement of the reaction mixture and this movement inhibits polymerization. The laminar gradient has a similar effect. It is assumed that the initial stage of the reaction proceeds according to the emulsoidal mechanism in large molecule clusters. Stirring reduces the diameter of these clusters forcing them back into solution.

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SOV/60-32-3-38/43

The Problem of the Dependence of the Polymerization Rate of Acrylnitrile on the Hydrodynamic Conditions of the Process

Ultrasound of 500 and 200 kilocycles has a similar effect. If the stirrer turns at 1,000 rpm or more, polymerization is completely stopped.
There are 17 references, 13 of which are Soviet, 1 English, 1 German, 1 Czechoslovakian, and 1 Turkish.

ASSOCIATION: Leningradskiy tekstil'nyy institut imeni S.M. Kirova (Leningrad Textile Institute imeni S.M. Kirov)

SUBMITTED: October 15, 1958

Card 2/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

S/153/60/003/004/031/040/XX
B020/B054

AUTHOR: Roskin, Ye. S.

TITLE: Comparative Determination of Molecular Weights of Polyacrylonitrile by the Methods of Light Scatter and Viscosimetry

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1960, Vol. 3, No. 4, pp. 721 - 724

TEXT: The author describes the results of experimental determination of the mean molecular weight of unfractionated samples of polyacrylonitrile dissolved in dimethyl formamide by measuring the intensity of relative light scatter under an angle of 90° to the initial monochromatic light bundle. The values were compared with the molecular weights calculated from the results of viscosimetric determinations proceeding from the Mark-Houwink equation. In the present investigation, the author compares the simpler viscosimetric procedure for determining the mean molecular weights of polyacrylonitrile with the more complicated, but exacter

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light scatter procedure. At the same time, the applicability of the equation suggested by the author $[\eta] = \{\alpha[\eta]_2 - [\eta]_1\}/(\alpha - 1)$ (5) is shown, where $[\eta]$ is the intrinsic viscosity, $[\eta_1]$ the reduced viscosity ($\eta_{1\ intr}/c_1$) of the first concentration, $[\eta_2]$ the reduced viscosity ($\eta_{2\ intr}/c_2$) for the second concentration, and α the ratio (c_1/c_2) between the first and second concentrations. Fig.2 shows the diagrams for the dependence of the light scattering intensity of the solution under an angle of 90° to the initial light bundle, and gives the dependence HC/R''_{90} ($H = 4.92 \cdot 10^{-8}$ cm^2/g.g.mole, R''_{90} = intensity of light scatter in the direction $\theta = \pi/2$). Table 1 gives the results of viscosimetric determinations of molecular weights. The difference between the values of the mean molecular weights, calculated from the viscosimetric measurements and the light scatter, is 1.8% for the first, and 8.2% for the second sample. The author thanks V. G. Aldoshin, scientific collaborator

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Comparative Determination of Molecular Weights of Polyacrylonitrile by the Methods of Light Scatter and Viscosimetry

S/153/60/003/004/031/040/XX
B020/B054

of the institut vysokomolekulyarnykh soyedineniy AN SSSR (Institute of High-molecular Compounds of the AS USSR), for his light scatter measurements. E. Frisman, K. Kiseleva, V. N. Tsvetkov, K. Z. Fattakhov, and O. V. Kallistov are mentioned. There are 2 figures, 1 table, and 6 Soviet references.

ASSOCIATION: Leningradskiy tekstil'nyy institut im. S. M. Kirova, laboratoriya fizicheskoy i kolloidnoy khimii (Leningrad Textile Institute imeni S. M. Kirov, Laboratory of Physical and Colloid Chemistry)

SUBMITTED: October 13, 1958

Card 3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, Ye.S.; PAPENKO, G.B.

Initiation redox system $K_2S_2O_8$ - $Na_2S_2O_4$ and its effect on the kinetics of the static polymerization of acrylonitrile. Izv. vys. ucheb. zav.; khim. i khim. tekh. 7 no.3:523-527 '64. (MIRA 17:10)

1. Leningradskiy institut tekstil'noy i legkoy promyshlennosti imeni Kirova, kafedra fizicheskiy khimii.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, Ye.S.; MUSHENKO, D.V.; VISHNEVSKIY, N.Ye.; KARPENKO, G.B.; DERGACHEVA, R.D.

Effect of a hydrodynamic regime on the polymerization of acrylonitrile. Zhur.prikl.khim. 35 no.10:2328-2332 O '62. (MIRA 15:12)

1. Leningradskiy tekstil'nyy institut imeni S.M.Kirova i Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.
(Acrylonitrile) (Polymerization) (Hydrodynamics)

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MEOS, Aleksandr Ivanovich; ROSKIN, Ye.S., red.; FREGER, D.P., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Properties and use of synthetic fibers]Svoistva i primenenie sinteticheskikh volokon. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Sinteticheskie materialy, no.6)
(MIRA 15:12)

(Textile fibers, Synthetic)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

S/080/62/035/010/009/012
D204/D307

AUTHORS: Roskin, Ye.S., Mushenko, D.V., Vishnevskiy, N.Ye., Karpenko, G.B. and Dergachev, R.D.

TITLE: Study of the effects of hydrodynamic conditions on the polymerization of acrylonitrile

PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no. 10, 1962, 2328-2332

TEXT: The present work was concerned with the effects of stirring on the polymerization reactions of acrylonitrile in aqueous solutions (7%), owing to the increasing importance of such polymers in the production of artificial fibers. The reactions were carried out under argon in a stainless steel autoclave, with stirring (2800 rpm, Re being 4000 or 46000), at 15 - 45°C, under isothermal conditions. Similar experiments were carried out under static conditions, in air and in argon. $KMnO_4$ and oxalic acid were used as initiators. In stirred solutions, after 15 min reactions, the yields increased from ~ 20% at 15°C to ~ 60% at 30° and fell to

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~ 47% at 45°C. The corresponding figures after a 40 min reaction were ~ 49, 70 and 50% respectively, tending to be always slightly lower in the more intensively stirred solutions. Yields of statically carried out reactions under argon were on the average ~ 10% higher than the above, and were higher still when the polymerization took place (still without stirring) in air. In small amounts, oxygen improves the yields, but reverses its action and even stops the reaction completely when introduced in large amounts, e.g. by stirring in systems open to the atmosphere. There are 3 figures and 1 table.

ASSOCIATION: Leningradskiy tekstil'nyy institut im. S.M. Kirova (Leningrad Institute im. S.M. Kirov); Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov (All-Union Scientific Research Institute of Petrochemical Processes)

SUBMITTED: July 5, 1961

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKIN, Ye.S.; KARPENKO, G.B.

Influence of the $K_2S_2O_8$ - $K_2S_2O_5$ oxidation-reduction system on the kinetics of the static polymerization of acrylonitrile. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 2:280-282 '61. (MIRA 14:5)

1. Leningradskiy tekstil'nyy institut. Kafedra fizicheskoy i kolloidnoy khimii.
(Acrylonitrile) (Polymerization)
(Oxidation reduction reaction)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKINA, R.A.

Conditions for the production of potassium chloride by freezing it out of a concentrated brine of the Inder Lake. M. G. Valyashko and R. S. Roskina. *Trudy Vsesoyus. Nauch.-Issledovatel. Inst. Galurgii* No. 27, 171–92(1953); CH *Referat. Zhur., Khim.* 1954, No. 37502.—The brine of the Inder Lake was concd. to incipient pptn. of KCl, then cooled to +10, 0, −10, and −15°. The solid phase thus produced contained KCl 85–90 and NaCl 10–15%. Based on the KCl content in the initial brine its yield at +10° was 22%, at 0° 37%, at −10° 51%, and at −15° 57%. At −12.6°, along with KCl, $NaCl \cdot 2H_2O$ started to sep. out with an admixt. of Br ($NaCl \cdot 2H_2O$-$NaBr \cdot 2H_2O$). The expts. confirmed the possibility of obtaining a high-KCl-content product from the Inder brine by cooling. The practical limit of cooling of the brine after preliminary concn. to incipient KCl crystn. is −12.6°. At this temp. the yield of KCl of purity 88–90%, is 52–55% of that in the initial brine.

M. Hosch

(1)

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ROSKINA, R. S.

"Obtaining Sodium Sulfate From the Salt Deposits in Kara-Bogaz-Gol Gulf." Cand Tech Sci, Leningrad Technological Inst, Leningrad, 1954.

Survey of Scintific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

15-57-10-14359

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10, p 163 (USSR)

AUTHOR: Roskina, R. S.

TITLE: Obtaining Sodium Sulfate From the Salt Deposits of Kara-Bogaz-Gol (Polucheniye sul'fata nitriya iz solevykh otlozheniy zaliva Karabogaz-Gol)

PERIODICAL: Tr. Vses. n.-i. in-ta galurgii, 1956, Nr 31, pp 34-65

ABSTRACT: The author's treatment of the principal technological plan for reprocessing the solid salt deposits of Kara-Bogaz-Gol calls for dissolving the mixed salts in sea water and cooling the sulfate solutions thus obtained by artificial means. The subsequent operation consists in dehydrating the mirabilite which separates out during the cooling. This is done by the combined method of melting and separating the sodium sulfate with kurguzul'-skiy mixed salt. The process is completed by washing the sodium sulfate in a centrifuge with a saturated solution of Na_2SO_4 and then drying or briquetting it.

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15-57-10-14359

Obtaining the Sodium Sulfate From the Salt Deposits (Cont.)

This method supplies a high and stable quality product, containing 98 to 99 percent of the essential ingredient. The processing plan described here permits using the mixed salts of Kara-Bogaz-Gol as the initial raw material for obtaining mirabilite and, at the same time, as the reagent for separating anhydrous sodium sulfate from the mirabilite.

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V. P. Yeremeyev

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

15-57-10-14360

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10, p 163 (USSR)

AUTHORS: Bukshteyn, V. M., Roskina, R. S.

TITLE: Obtaining Mirabilite and Epsomite From Initial Bloedite Material (Polucheniye mirabilita i epsomita iz astrakhanitovogo syr'ya)

PERIODICAL: Tr. Vses. n.-i. in-ta galurgii, 1956, Nr 31, pp 83-98

ABSTRACT: Experimental studies leading to production of sodium sulfate from bloedite material have shown that epsomite separates out during evaporation of the solutions, not only in the stability range of its crystallization, but also in the metastable region which includes a considerable part of the crystallization range of bloedite. By crystallization in the metastable region during evaporation, perhaps 20 to 50 percent more epsomite may be separated out than may be obtained in the stable range of crystallization.

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V. P. Yeremeyev

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKINA, R.S., kand.tekhn.nauk; ZITAR, E.A.

Structural material for ladles of inclined elevators. Khim.prom. no.5:428-429 Jl-Ag '60. (MIRA 13:9)
(Hoisting machinery) (Steel--Testing)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKO, A; SARDI, J.

TECHNOLOGY

KOZLEKEDESI KOZLONY (Hungary. Kozponti Szallitasi Tanacs. Budapest.)

ROSKO,A; SARDI, J. Reform of the bus and taxicab tariffs. p791.

Vol. 14, No. 49, Dec. 1958.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 3
March 1959, Unclass.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKO, Aurel, dr.

Local transportation of our larger cities in the countryside.
Kozleked kozl 18 no.38:698-701 23 S '62.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKO, Aurel, dr.

Tariff regulation on city (local) bus lines with regard to the one-man service. Kozleked kozl 20 no.30:509-510 26 Jl '64.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

CZECHOSLOVAKIA/Zooparasitology - Helminths. G.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67529

Author : Halasa, M., Luebke, R., Rosko, L.
Inst : -
Title : The Spread of Fasciolosis and Pulmonary Nematodes in the Sheep and Cattle of Slovakia, and Prospects of Combating Them.

Orig Pub : Veterin. casop., 1957, 6, No 4, 293-304.

Abstract : No abstract.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKO, Pavel, inz., HABOVSTIAK, Jozef, inz.

Solution of agricultural transport in the mountains.
Zemedel tech 9 no. 5/6 461-474 D '63.

1. Veduci Vyskumnej stanice, Vyskumny ustav lesneho hospodarstva, Oravsky Podzamok (for Rosko).
2. Vyskumny ustav luk a pasienkov, Poprad (for Habovstiak).

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

HOSKO, Pavol, inz.

Making forest stands accessible by using the DLP_u 2-2000 two-carrier cableway. Les cas 9 no. 11: 999-1024 N '63.

1. Vyskumny ustav lesneho hospodarstva, Banska Stiavnica, Vyskumna stanica Oravsky Podzamok.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKO, Pavol, inz.

Graphic calculation of the measurement units of an earthwork design and performed work. Les cas 9 no.8:761-762 Ag '63.

1. Vyskumna stanice, Vyskumny ustav lesneho hospodarstva, Oravsky Podzamok.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKOSH, Ya.T.; SEN'KOVSKIY, Yu.N.; FEDUSHCHAK, M.Yu.

Celestine from Carboniferous and Cretaceous sediments in the Volyn'-Podolian Plateau. Min. sbor. no.17:232-236 '63.
(MIRA 17:11)

1. Institut geologii i geokhimii goryuchikh iskopayemykh AN UkrSSR.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445

ROSKOSHNYY, G.K., kandidat tekhnicheskikh nauk, dotsent.

Efficient structural shapes for nuts. Vest.mash.27 no.7:21-25
Jl '47. (Bolts and nuts) (MLRA 9:4)

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